

Please vote plus sign (**) Side this box → + Under the Paperwork Reduction Act of 1995,	no nersons ar	U.S. Pate	nt and Trademar	PTO/SB/21 (08-00) ved for use through 10/31/02. OMB 0654 0031 k Office; U.S. DEPARTMENT OF COMMERCE n unless it displays a valid OMB control funder.		
		Application Number	09/938,200	E 4 C		
TRANSMITTAL	,	Filing Date	August 23, 200	1 1/2 1/4 1		
FORM		First Named Inventor	Carmel M. LYN	ICH TO THE		
		Group Art Unit	1633	7,0		
(to be used for all correspondence after init	ial filing)	Examiner Name	To Be Assigne	d 93		
Total Number Of Pages In This Submission	18 + 30 references	Attorney Docket No.	226272001702			
	ENCLOS	URES (check all that	apply)			
Fee Transmittal Form		signment Papers r an Application)		After Allowance Communication to Group		
Fee Attached		awing(s)		Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply	Lic	ensing-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final	Pe	tition		Proprietary Information		
Affidavits/declarations		tition to Convert to a ovisional Application		Status Letter		
Extension of Time Request		wer of Attorney, Revocation ange of Correspondence Ad	dress	Other Enclosure(s) (please identify below):		
		rminal Disclaimer		 Form PTO-1449 + copy - 14 pages Thirty (30) references 		
Express Abandonment Request	Re	quest for Refund		Return postcard		
Information Disclosure Statement - 3 pages	CC), Number of CD(s)				
Certified Copy of Priority Document(s)	Remarks		· · · · · · · · · · · · · · · · · · ·			
Response to Missing Parts/ Incomplete Application						
Response to Missing Parts under 37 CFR 1.52 or 1.53				•		
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT						
		ge Mill Road, Palo Alto, California	****			
or Catherine M. Polizzi	i (Registration	No. 40,130)				
Signature John	· N	1, Poll	1.			
Date February 5 . 20	02	11000				

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, B.C. 20231, on February 20, 2002.

Laura Shires

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

MAR 0 5 7002 W

PATENT Docket No. 226272001762

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby the mat this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address Assistant Commissioner for Patents, Washington, D.C. 20231, on February 202002.

Laura Shires

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Carmel M. LYNCH and Randolph L.

GEARY

Serial No.:

09/938,200

Filing Date:

August 23, 2001

For:

METHODS FOR TRANSDUCING CELLS IN BLOOD VESSELS USING

RECOMBINANT AAV VECTORS

Examiner: To Be Assigned

Group Art Unit: 1633

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 AND § 1.98

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents numbered 1-13, 17, 19-21, 23-24, 26, 29, 32-33, 35-36, 38, 40, 42-50, 54-60, 62-73, 76-82, 85-93, 95, 97-109, 113-115, 118-120, and 123 were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 08/793,916 filed on February 28, 1997, and, accordingly, copies are not included herewith. Documents numbered 14-16, 18, 22, 25, 27-28, 30-31, 34, 37, 39, 41, 51-53, 61, 74-

75, 83-84, 94, 96, 110-112, 116-117, 121, and 122 are being submitted herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted: With the application; accordingly, no fee or separate requirements are required. \boxtimes Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance. A fee is required. A check in the amount of * is enclosed. A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate. A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee is believed to be due. After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee. A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed. A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 226272001702. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: Februar 2, 2002

Respectfully submitted,

Catherine M. Polizzi Registration No. 40,130

Morrison & Foerster LLP 755 Page Mill Road

Palo Alto, California 94304-1018

Telephone: (650) 813-5651 Facsimile: (650) 494-0792



2 22									S	heet 1 of
Form PTO-1449				Docket Number 226272001702		Application Number 09/938,200				
INFORMATION DISCLOSURE CITATION				App	Applicant					
	1	I AN APPLI				Carm	el M. LYNCH	and Randolph L. G	EARY /	2
(Use several sheets if necessary)					Filing Date August 23, 2001 Group		Group Articon	1633	77	
					Applicant Carmel M. LYNCH and Randolph L. GEARY Filing Date August 23, 2001 Mailing Date February 20, 2002 NT DOCUMENTS Name Class Subclass Filing Date If					
7	_	1 8					<u> </u>			3 Z
(MAR 0	5 2002 E							The second	100
\			US PA	TENT DO	OCUME	NTC			8	جع .
Examiner	Ret	Date Date	Document No.		Name	1115	Class	Subclass	Filing	3.4. 10
Initials	No.		2 3 3 3 3 3 3 3		TVUITE		Class	Subclass	********	ate If opriate
	1.	10/01/85	4,544,632	Yamamı	ura et al.				- 11	
	2.	06/23/87	4,675,391	Yamamı	ıra et al.					
	3.	06/13/89	4,839,29	Kaieda e	et al.					
	4.	10/15/91	5,057,423	Hiserodt	et al.					
	5.	03/21/95	5,399,346	Anderso	n et al.					
			X		<i>(</i>		<u> </u>		L	
			/	$\setminus /$	$/\!\!/$					
		· · · · · · · · · · · · · · · · · · ·	FOREIGN	PATENT	DOCUI	IEN 1	rs			
Examiner	Ref.	Date	Document No.	X	Country)		Class			slation
Initials	No.			/~					YES	NO
	6.	11/12/91	WO 92/08796	WIPO	X_{-}					
	7.	05/19/94	WO 94/28143	WIPO (<u>/</u>			
	8.	05/18/95	WO 95/13365	WIPO `		\checkmark	ŕ			
	9.	05/18/95	WO 95/13392	WIPO	\sim	Δ				
	10.	06/12/95	WO 95/15892	WIPO	\frown					
	11.	09/14/95	WO 95/24202	WIPO	(
	12.	01/04/96	WO 96/00006	WIPO				7		
	13.	04/03/97	WO 97/12050	WIPO						
			OTHE	R DOCU	MENTS	~	(includi	ng author, title, Dat	e.Pertinent	Pages, Etc
Examiner	Ref.	Title								-300, 210
Initials No.						^				
	14. ✓	Abbas, A. et Contents On	al. (1991). <u>Cellular a</u>	and Molec	ular Immı	unolog	gy. 1st edi	tion pp. xi-xii	. (Table	of
Contents Only). 15. Abbas, A. et al. (1994). Cellular and Molecular Immunology. 2nd edition, pp. (i-xi)					Table	of				
		Contents On	lly).						_	
16. Adams, R. L. P. ed. (1990). Cell Culture for Biochemists. Elsevier Science Publishers. (Table of Contents Only).					ers. pp. 3	-9.				
	17.	Andree, C. et al. (1994). "In vivo transfer and expression of a human epidermal growth factor gene								
		accelerates v	Vatl. Acad.	. Sci. USA	91(2	5):12188-1	2192 .	vin racioi	gene	
EXAMI	VER:				DATE CO				\rightarrow	
7777.										<u> </u>
EXAMIN	EK: Initia	al if citation cons	idered, whether or not the	citation conf	orms with N	APEP 6	09. Draw a	line through the c	tation if no	t in \
Johnstinal	and ill	- Considered. In	clude a copy of this form v	vitn next con	nmunication	to app	licant.			\

Application Number 09/938,20 Docket Number 226272001702 Form PTO-1449 INFORMATION DISCLOSION Applicant É CITATION Carmel M. LYNCH and Randolph L. GEA IN AN APPLICATION Filing Date August 23, 2001 Group Art Unit 1633 (Use several sheets if necessary) Mailing Date February 20, 2002 Ausubel, F. et al, eds. (1987). Current Protocols in Molecular Biology. John Wiley & Sons, Incopp. 18. 1-11 Table of Contents Only). Baillie, C. et al. (1995). "Tumour vasculature-a potential therapeutic target" Brit. J. Cancer 72:257-19. 267. Berns, K. I. (1990). "Parvoviridae and Their Replication," Chapter 62 In Virology. B. N. Fields et al. 20. Raven Press, Md., pp.1743-1764. Betsholtz, C. et al. (1986) "cDNA Sequence and Chromosomal Localization of human Platelet-21. Derived Growth Factor AlChain and its Expression in Tumor Cell Lines" Nature 320(6064):695-699. Bloom, W. & Fawcett ,, eds./(1975). A Textbook of Histology. 10th Edition, W. B. Saunders 22. Company, pp. viii-xy. (Table of Contents Only). Boehme, S. A. et al. (1993). "Propriocidal apoptosis of mature T lymphocytes occurs at S phase of 23. the cell cycle" Eur. J. Immunol. 23:1552-1560. Boshart, M. et al. (1985). "A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus" *Cell 41* 521-530. 24. Bothwell et al., eds. (1990). Methods for Cloning and Analysis of Eukaryotic Genes. Bartlett Pub, pp. 25. iii-x. (Table of Contents Only). Brigstock, D. et al. (1990). "Species-specific high molecular weight forms of basic fibroblast growth 26. factor" Growth Factors 4(1):45-52. Brown, T. ed, (1991). Essential Molecular Biology, Volume II, a Practical Approach. Oxford 27. University Press, ix-xvii. (Table of Contents Only). Bullock, G. & Petrusz, P., eds. (1982, 1983, 1985, 1989). Teckniques in Immunocytochemistry. 28. Academic Press, pp. xi-xiii. (Table of Contents Only). Burgess, A. W. et al. (1980). "The Nature and Action of Granulocyte-Macrophage Colony 29. Stimulating Factors" Blood 56:947-958. Butler, M., ed. (1991). Mammalian Cell Biotechnology Oxford University Press, ix-xv. (Table of 30. , Contents Only). Callard, R. E. & Gearing, A. J. H., eds. (1994). The Cytokine Ract Book Academic Press. (Table of 31. Carter, B. (1990). "AAV DNA replication, integration, and genetics." Handbook of Parvoviruses 32. 1:169-228. Carter, B. (1992). "Adeno-associated virus vectors" Curr. Op. Biotech 3/533-539 33. Castañeda Zuniga, W. & Tadavarthy, S., eds. (1992). Interventional Padlology, 2nd edition. 34. Williams & Wilkins, pp. xxi-xviii (Table of Contents Only). Chang, M. et al. (1995). "Cytostatic gene therapy for vascular proliferative disorders with a 35. constitutively active form of the retinoblastoma gene product" Science 267:518-522. Clark, K. R. et al. (1995). "Cell lines for the production of recombinant adeno-associated virus" 36. Hum. Gene Ther. 6:1329-1341.

EXAMINER:

37. ./

38.

Contents Only).

DATE CONSIDERED:

Clemens, J. J. et al., eds. (1987). Lymphokines and Interferons, IRL Press, pp. v-xvii. (Table of

Clowes, M. M. et al. (1994). "Long-term biological response of injured rat carotid artery seeded with

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

MAR 0 5.2002

Form PTO-1449

m PTO-1449 NFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 226272001702

Application Number 09/

Applicant

Carmel M. LYNCH and Randolph L

Filing Date August 23, 2001

Group Art Unit 1

Mailing Date February 20, 2002

	smooth muscle cells expressing retrovirally introduced human genes" J. Clin. Invest. 93:64251.
39. ,	Congan, J. et al., eds. (1991). Current Protocols in Immnunology. John Wiley & Sons, Inc., pp. 1-9
	(Tables of Contents Only)
40.	Conn, Get al., "Amino acid and cDNA sequences of a vascular endothelial cell mitogen that is
40.	homologous to platelet-derived growth factor" Proc. Natl. Acad. Sci. USA 87(7):2628-2632 (1990).
41 4	DeMaeyer, E. et al., eds. (1988). Interferons and Other Regulatory Cytokines. John Wiley & Sons,
41.	pp. ix-x. (Table of Contents Only).
42.	Derynck, R. et al. (1985). "Human transforming growth factor-β complementary DNA sequence and
42.	expression in normal and transformed cells" <i>Nature 316</i> :701-705.
42	Diaz-Flores, L. et al. (1994). "Angiogenesis: An update" Histo. Histopath. 9:807-843.
43.	
44.	Egan, M. et al. (1992). "Detective regulation of outwardly rectifying Cl channels by protein kinase
	A corrected by insertion of CFIX" Nature 358:581-584.
45.	Fields-Berry, S. C. et al. (1992). A Recombinant Retrovirus Encoding Alkaline Phospatase
	Confirms Clonal Boundary Assignment in Lineage Analysis of Murine Retina, "Proc. national
	Academy of Science USA, 89:693-697.
46. 🗸	Flotte, T. et al. (1995). "Art improved system for packaging recombinant adeno-associated virus
	vectors capable of in vivo transduction" Gene Ther 2:29-37.
47.	Flotte, T. et al. (1993). "Expression of the cystic fibrosis transmembrane conductance regulator from
	a novel adeno-associated virus promoter" J. Biol. Chem. 268(5):3781-3790.
48.	Flotte, T. et al. (1992). "Gene expression from a eno-associated virus vectors in airway epithelial
	cells" Amer. J. Resp. Cell Molec. Biol. 7:349/356.
49.	Flotte, T. et al. (1994). "Preclinical trials of adeno-associated virus (AAV) vectors for cystic fibrosis
	(CF) gene therapy" Ped. Pulmonol. Suppl. VC:153-154.
50.	Flotte, T. et al. (1993). "Stable in vivo expression of the cystic fibrosis transmembrane conductance
	regulator with an adeno-associated virus vector" Proc. Natl. Acad. Sci. USA 90:10163-10167.
51. /	Freshney, R. et al., eds (1987). Culture of Animal Cells, 2nd ed. Alan R. Liss, Inc., New York. pp.
	vii-xiv. (Table of Contents Only).
52. 🗸	Freshney, R. I. Ed. (1987). Animal Cell Culture. IRL Press, pp. vii-xii. (Table of Contents Only).
	Gait, M. ed. (1984). Oligonucleotide Synthesis. IRL Press: Oxford pp. vii-xii. (Table of Contents
53.	Only).
5.4	Geary, R. L. et al. (1994). "Gene transfer in baboons using prosthetic vascular grafts seeded with
54.	retrovirally transduced muscle cells: A model for local and systemic gene therapy. Hum. Gene Ther.
	5:1211-1216.
	Geary, R. L. et al. (1993). "Human gene expression in baboons using vascular grafts seeded with
55.	retrovirally-transduced smooth muscle cells" Circulation Suppl. 88(4):I-81 Abstract No. 0421.
	Geary, R. L. et al. (1996). "Time course of cellular proliferation, intimal hyperplasia, and remodeling
56.	following angioplasty in monkeys with established atherosclerosis" Atheroscler. Thromb. Vascular
	Biol. 16(1):34-43. Geller, D. et al. (1993). "Molecular cloning and expression of inducible nitric oxide synthase from
57.	Gener, D. et al. (1995). Wildectilal cionning and expression of inductore mule oxides with ase from
	human hepatocytes" Proc. Natl. Acad. Sci. USA 90:3491-3495.
58.	Gilbert, M. J. et al. (1993). "Selective interference with class I major histocompatibility complex

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Sheet 4 of 7

Docket Number 226272001702 Application Number 09/938,2 Form PTO-1449 INFORMATION DISCLOSURE Applicant Carmel M. LYNCH and Randolph L. GE IN AN APPLICATION Filing Date August 23, 2001 Group Art Unit 16 (Use several sheets if necessary) Mailing Date February 20, 2002 presentation of the major immediate-early protein following infecton with human cytomeg I. Virol. 67:3461-3469. Gillis, S. and Watson, J. (1981). "Interleukin-2 dependent culture of cytolytic T cell lines" Immunol. 59. Rev 54:81-109. Gnatenko, D. et al. (1994). "Adeno-associated virus-2 (AAV) as a vehicle for gene delivery into 60. vascular endothelial cells" Blood 84, Suppl. 1(10):741a Abstract No. 2949. Goeddel ed. (1991). Gene Expression Technology. Academic Press, Inc., Harcourt Brace 61. Jovanovich, Publishers, pp. v-x. (Table of Contents Only). Greenburg, P. D. (1991). "Adoptive T cell therapy of tumors: Mechanisms operative in the 62. recognition and elimination of tumor cells" Adv. Immunol. 49:281-355. Guzman, R. et al. (1994)/ "In vivo suppression of injury-induced vascular smooth muscle cell 63. accumulation using adenovirus-mediated transfer of the herpes simplex virus thymidine kinase gene" Proc. Natl/Acad. Sci. USA 91:10732-10736. Halbert, C. et al. (1995), "Adeno-associated virus vectors transduce primary cells much less 64. efficiently than immortalized cells" J. Virol. 69(3):1473-1479. Ho, M. et al. (1993) "A phase 1 study of adoptive transfer of autologous CD8⁺ T lymphocytes in patients with aquired immunodeficiency syndrome (AIDS)-related complex or AIDS" *Blood* 65. 81:2093-2101 . Houck, K. et al. (1991). "The vascular end thelial growth factor family: Identification of a fourth 66. molecular species and characterization of alternative splicing of RNA" Mol. Endocrinol. 5(12):1806-1814. Itoh, N. et al. (1990). "The complete amino acid sequence of the shorter form of human basic 67. fibroblast growth factor receptor deduced from its cDNA" Biochem. Biophys. Res. Comm. 169(2):680-685. Jaffe, E. A. et al. (1973). "Culture of kuman endothelial cells derived from umbilical veins" J. Clin. 68. Invest. 52:2745-2756. Janssens, S. (1992). "Cloning and expression of a eDNA encoding human endothelium-derived 69. relaxing factor/nitric oxide synthase" /J. Bioly Chem. 267(21):14519-14522 Johnsson, A. et al. (1984). "The c-sis gene incodes a precursor of the B chain of platelet derived 70. growth factor" EMBO J. 3(5):921-928. Kaplitt, M. et al. (1994). "Long-term gene expression and henotypic correction using adeno-71. ,/ associated virus vectors in the mammalian brain" Nature Genetics 8:148-154. Kondo, S., et al. (1995). "The shortest isoform of hungan vascular endothelial growth factor/vascular 72. permeability factor (VEGF/VPF₁₂₁) produced by Saccharomyces corevisiae promotes both angiogenesis and vascular permeability" Biochim. Biophys. Acta/1243(2):195-202 Kotin, R. (1994). "Prospects for the use of adeno-associated virus as a vector for human gene 73. therapy" Hum. Gene Ther. 5:793-801. Kriegler, M. (1990). Gene Transfer and Expression: A Laboratory Manual, W. H. Freeman & Co: 74. New York. pp. vii-ix (Table of Contents Only). Kunkel, H. G. ed. (1984). Advances in Immunology. Academic Press, Inc.: Harcourt Brace 75. Jovanovich Publishers, pp. v-vii. DATE CONSIDERED: **EXAMINER:** EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

	MAR		Sheet 5 of 7
Form PTO-1449	MAN	Docket Number 226272001702	Application Number 09/938,200
INFORMATI	ON DISCLOSTIMENTATION	Applicant	The little
	AN APPLICATION	Carmel M. LYNCH an	Group Art Unit 1633
K	se several sheets if necessary)	Filing Date August 23, 2001	Group Art Unit 1633
	Lamb, P. et al. (1986). "Characterizati	Mailing Date February <u>20</u> , 2002	THE TO
			6 5
76.			l. Cell. Biol. 6(5):1379
77.	Lee, W. et al. (1987). "Human retinob sequence" <i>Science 235</i> (4794):1394-13		oning, identification, and
78.	Lemarchand, P. et al. (1993). "In vivo	gene transfer and expression in	
	using replication-deficient recombinant		
79.	Lenardo, M. J. (1991). "Interleukin-2 353:858-861.		· ·
80.	Lim, C. S. et al. (1991) "Direct in viv the intact dog" J. Oirc. 83:2133-2136.	o gene transfer into the coronary	y and peripheral vasculatures of
81. /	Lynch, C. M. (1992). "Long-term exp	ression of human adenosine dea	minase in vascular smooth
_	muscle cells of rats: A model for gene March, K. L. et al. (1992). "The adend	therapy" Proc. Natl. Acad. Sci.	. USA 89:1138-1142.
82.	human vascular smooth mustle cells"	European Heart J. 13:218 Abst	act No. P1217.
83.	McPherson, M. et al. (1997). PCR: A		
	xvii. (Table of Contents Only).	Colorada and Santing Wiles	Lies A John Wiley & Cons
84.	Melamed, M. et al., eds. (1990). Flaw Inc. Publication. v-vii. (Table of Conte	Cytometry and Sorting. Wiley-	Liss: A John Wiley & Sons,
85. 🗸	Miller, A. D. (1992). "Retroviral vector	Curr Topics Microbiol. and	
86.	Moore, G. E. et al. (1967). "Culture o		
87.	Mullis, K. B. and Faloona, F. A. (1987 catalyzed chain reaction" <i>Meth. Enzym</i>). 'Specific synthesis of DNA in not. 155:335.	<i>i vitro</i> via a polymerase-
88.	Muzyczka, N. (1992). "Use of adeno- mammalian cells" Curr. Topics Micro		nsduction vector for
89.	Nabel, E. G. et al. (1989). "Recombination	ant gene expression in vivo with	in endothelial cells of the
	arterial wall" Science 244:1342-1344		
90. 🗸	Nabel, E. G. et al. (1990). "Site-speciarterial wall" Science 249:1285-1288.	iic gene expression in two by d	irect gene transfer into the
91.	Newman, K. et al. (1995). "Adenoviru		
	prolonged vascular cell activation, infl. 96:2955-2965.	ammation, and neointimal/hyper	plasia" J. Clin. Invest.
92.	Ojeifo, J. et al. (1995). "Angiogenesis	-directed implantation of genetic	ally modified endothelial cells
	in mice" Cancer Res. 55:2240-2244.	(,
93.	Paul, W. E. et al. (1981). "Long-term 294:697-699.	growth and cloning of non-trans	formed lymphocytes" Nature
94.	Paul, W. et al. ed. (1984). Annual Re (Table of Contents Only).	view of Immunology. Volume 2	2. Annual Review, Inc. p. 335
95.	Plautz, G. et al. (1991). "Introduction in vivo" Circulation 83:578-583.	of vascular smooth muscle cells	expressing recombinant genes
96. J		Cell Culture. Humana Press: Cl	ifton New Jersey no vii-x
J 30J	(Table of Contents Only).		mon, rivii verooj. pp.iii-A
		DATE CONTRACTOR	
EXAMINER:		DATE CONSIDERED:	

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

conformance and not considered. Include a copy of this form with next communication to applicant.

MAR 0 5 2002

Form PTO-1449

INFORMATION DISCESSION CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket	Number	2262	72001	702

Application Number 09/938,200

Applicant

Carmel M. LYNCH and Randolph L. GEORY

Filing Date August 23, 2001

Group Art Unit

Mailing Date February 20, 2002

	Mailing Date February <u>dD</u> , 2002
	Mailing Date February <u>dD</u> , 2002
3x	Reusser, P. et al. (1991). "Cytotoxin T-lymphocyte response to cytomegalovirus after human allogeneic bone marrow transplantation: Pattern of recovery and correlation with cytomegalogrus infection and disease" <i>Blood</i> 78:1373-1380.
98.	Riddell, S. R. and Greenberg, P. D. (1990). "The use of anti-CD3 and anti-CD28 monoclonal anti-podies to clone and expand human antigen-specific T cells" J. Immunol. Meth. 128:189-201.
99.	Riddell, S. R. et al. (1991). "Class I MHC-restricted cytotoxic T lymphocyte recognition of cells infected with human cytomegalovirus does not require endogenous viral gene expreesion" <i>J. Immunol.</i> 146:2795-2804.
100.	Riddell, S. R. et al. (1992). "Phase I study of cellular adoptive immunotherapy using genetically modified CD8" HVV-specific T cells for HIV seropositive patients undergoing allogeneic bone marrow transplant" Hum. Sene Therapy 3:319-338.
101.	Riddell, S. K. et al. (1992). 'Restoration of viral immunity in immunodeficient humans by the adoptive transfer of Rcell clopes' <i>Science 257</i> :238-241.
102.	Robbins, P. D. et al. (1990). "Negative regulation of human c-fos expression by the retinoblastoma gene product" Nature 346(6285):608-671.
103.	Roe T. et al. (1993). "Integration of murine leukemia virus DNA depends on mitosis" EMBO J. 12(5):2099-2108.
104.	Rome, J. et al. (1994) "Adenoviral rector-mediated gene transfer into sheep arteries using a double-balloon catheter" Hum. Gene The 5:1249-1258
105.	Rome, J. et al. (1994). "Anatomic barriers influence the distribution of in vivo gene transfer into the arterial wall" <i>Arterioscler. Thyomb.</i> 14:148-161.
106.	Rosenberg, S. A. et al. (1987). "A progress report on the treatment of 157 patients with advanced cancer using lymphokine-activated killer cells and interleukin-2 or high-dose interleukin-2 alone" New Eng. J. Med. 316:889-897.
107.	Rosenberg, S. A. et al. (1990). "Gene transfer into humans-Immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction" New Eng. J. Med. 323:570-578.
108.	Rosenberg, S. A. et al. (1988). "Use of tumor-infiltrating lymphocytes and interleukin-2 in the immunotherapy of patients with metastatic melanoma" New Eng. J. Med. 319:1676-1680.
109.	Russell, D. et al. (1994). "Adeno-associated virus vectors preferentially transduce cells in S phase" Proc. Natl. Acad. Sci. USA 91:8915-8919.
110.	Rutherford, R. B. (1989). <u>Vascular Surgery</u> . 3rd edition. W.B. Saunders Co: Harcourt Brace Jovanovich, Inc., pp. xix-xxviii. (Table of Contents Only).
111.	Sabiston, Jr., D. (1991). <u>Textbook of Surgery</u> . W. B. Saunders Co. Harcourt Brace Jovanovich, Inc. pp. xxi-xxvi. (Table of Contents Only).
112.	Sambrook et al. (1989). Molecular Cloning: A Laboratory Manual. Cold Spring Harbor Laboratory, Cold Spring Habor. N. Y. pp. xi-xxxviii (Table of Contents).
113.	Schook, L. B. et al. (1981). "Lymphokine and monokine activities in supernatants from human lymphoid and myeloid cell lines" <i>Lymphokines 2</i> :1-19.
114.	Schwartz, S. M. (1990). "Developmental mechanisms underlying pathology of arteries" <i>Physiol. Rev.</i> 70(4):1177-1209.
L	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

MAR 0 5 2002

Form PTO-1449

INFORMATION DISCE IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 226272001702

Application Number 09/93

Applicant

Carmel M. LYNCH and Randolph L

Filing Date August 23, 2001

Group Art Unit

Mailing Date February 26, 2002

\		, Date 1 to / <u>VIII .</u> ,	
			60, 5
115.	Springett, G. M. et al. (1989). "Infection effi- vectors is cell cycle dependent" J. Virol. 63:	3865-3869.	On
116.	Topol, E. ed. (1994). The Textbook of Intervision of Harcourt Brace & Company, pp.	xix-xxv. (Table of Contents Only	/).
117.	US Department of Health and Human Servic Laboratories" and "NIH Guidelines for Reservices Register (1994) 159:34496-34547.	arch Involving Recombinant DNA	A Molecules ", Federal
118.	Von Der Leyer, H. et al. (1995). "Gene ther transfer of endothelial cell nitric oxide synthesis	ase gene" Proc. Natl. Acad. Sci.	USA 92:1137-1141.
119.	Walsh, C. et al. (1992). Regulated high level erythroid oells by an adeno-associated virus	vector" Proc. Natl. Acad. Sci. US	SA 89:7257-7261.
120.	Weaver, C. H. et al. (1993). "Syngeneic trancollected after the administration of recombination of seconds."	splantation with peripheral blood nant human granulocyte colony-s	l mononuclear cells timulating factor"
121.	Weir, D. ed. Handbook of Experimental Imp	nly).	
122.	Wu, R. et al., eds. (1989). Recombinant DN of Contents Only.)	A Methodology. Academic Press	
123.	Zwiebel, J. A. et al. (1989). "High-level rectransduced by retroviral vectors" Science 24	ombinant gene expression in rables:2:220-222.	bit endothelial cells

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.